



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Artek Door (1985) Ltd
1294 South Service Road West,
Oakville, Ontario L6L-ST7
Canada

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "LS-18" Single Outswing Steel Commercial Door-Impact

APPROVAL DOCUMENT: Drawing No "ART-100-001" Rev D, titled "Series LS18 Out-swinging Steel Entrance Door", sheets 1 through 5 of 5 prepared by PTC, LLC, dated 02/10/04 and last revised on 12-03-12, signed and sealed by Robert James Amorouso, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

1. Installation anchors item # 10 and #14 must be supported through welded butterfly item # 8 or welded pipe masonry anchor item #9. See max. O.C. jamb spacing & numbers of anchors required in sheet 4.
2. U-channel reinforcement item # 6 at cylindrical lock and item #7 at panic device is required.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0422.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 12-1218.03
Expiration Date: June 03, 2014
Approval Date: March 07, 2013
Page 1

2/25/13

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under file # **09-0422.02**)
2. Drawing No "**ART-100-001**" **Rev D**, titled "Series LS18 Out-swinging Steel Entrance Door", sheets 1 through 5 of 5 prepared by PTC, LLC, dated 02/10/04 and last revised on 12-03-12, signed and sealed by Robert James Amorouso, P.E.

Note: This revision consists of FBC 2010 and editorial notes only.

B. TESTS (Submitted under file # **09-0422.02/ # 04-0220.01)**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of a Single outswing steel door, prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL-3900** (03125), dated September 18, 2003, signed and sealed by Joseph Chan, P. E.

C. CALCULATIONS (Submitted under file # **09-0422.02)**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC, LLC, dated 04/02/09, signed and sealed by Paul E. Winter, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (Submitted under file # **09-0422.02/# 04-0220.01)**

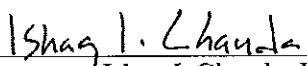
1. Tensile Test report No. **FTL-01325**, dated September 04, 2003 per ASTM E-8 for steel face sheet, prepared by Fenestration Testing Laboratory Inc, signed and sealed by Edmando J. Largaespada, P.E., on 04-01-04 based on review of original tests.

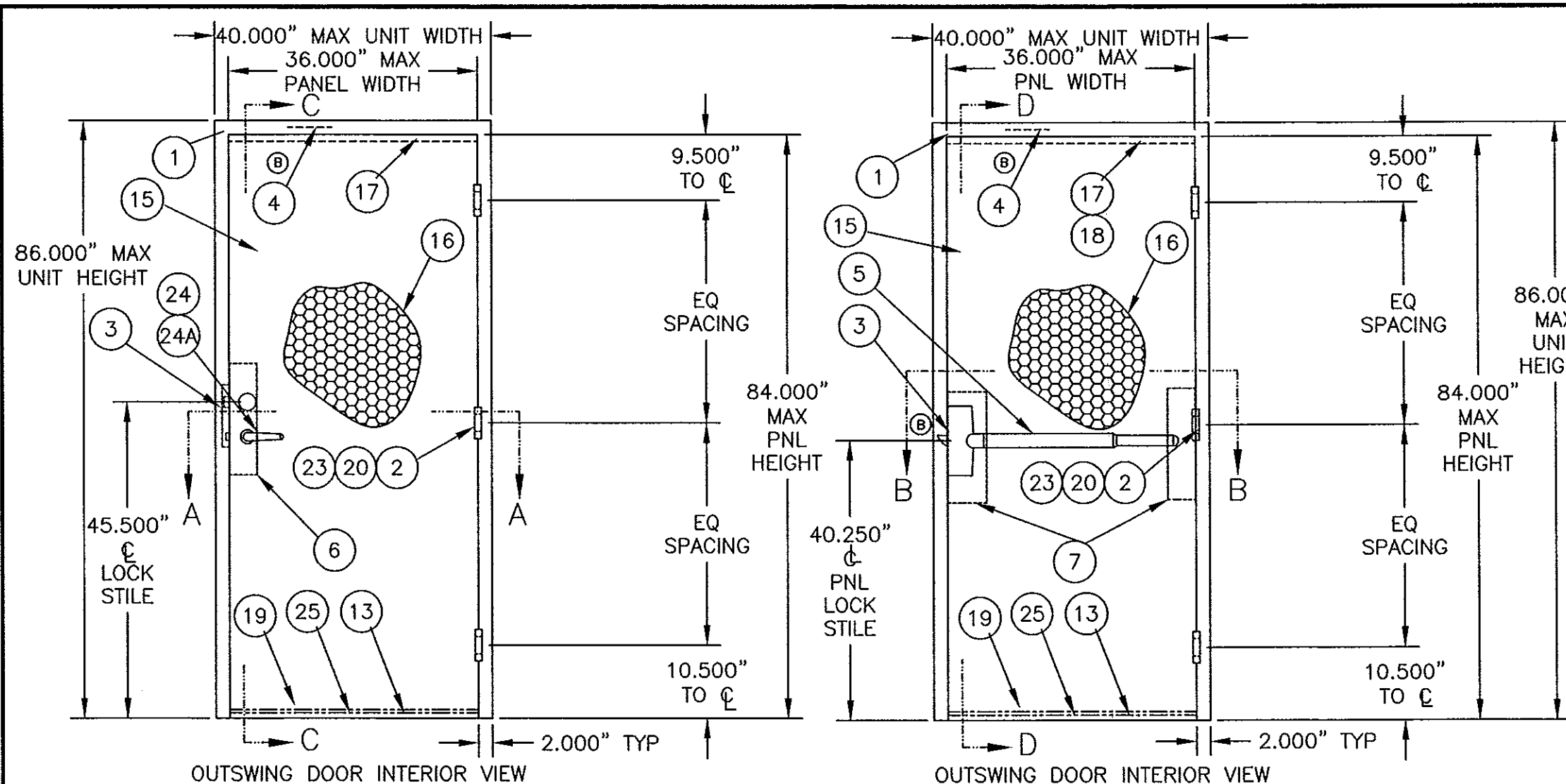
F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by PTC, LLC, dated 12/03/12, signed and sealed by Robert James Amorouso, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises** NOA # **09-0422.02**, expiring on June 03, 2014.
2. Four (4) Distributor Agreements (Artek Door Ltd with Naples Lumber, FL., First Door of Florida, Door Master of Broward, FL. and TransDor, FL.).
Note: Distribution agreements transferred from file # **04-0220.01**.
3. Technical brochure of Red Head Dynabolt Sleeve anchor and Elco Ultracon.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 12-1218.03
Expiration Date: June 03, 2014
Approval Date: March 07, 2013



REV	DESCRIPTION	REV BY	DATE
B	REV PER DADE MARK UP	BB	05/10/04
C	UPDATE TO 2007 (FBC)	BB	03/27/09
D	UPDATE TO 2010 FBC	RJA	12/03/12

DESIGN PRESSURE RATING (OUTSWING SINGLE DOOR)		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED*	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG*
POSITIVE	NOT APPROVED WITHOUT OVERHANG*	+90.0
NEGATIVE	NOT APPROVED WITHOUT OVERHANG*	-90.0

*UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH)=OH LENGTH / OH HEIGHT GREATER THAN 1.

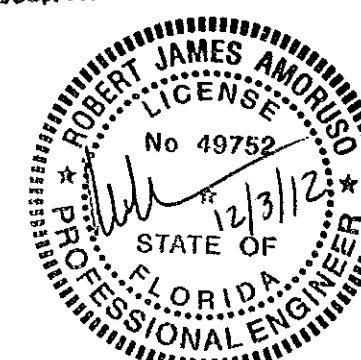
EGRESS/ESCAPE REQUIREMENT TO FBC COMPLIANCE TO BE REVIEWED BY BLDG OFFICAL PER SPECIFIC APPLICATION BASIS.

- NOTES:
- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC). ONE ROW OF PEMKO WEATHER STRIP S-88 AT HEAD AND BOTH JAMBS, ONE ROW OF BULB VINYL AT THRESHOLD.
 - SEE SHEET 4 FOR APPROVED ANCHOR TYPES, AND INSTALLATION REQUIREMENTS AND MAX ANCHOR SPACING.
 - MAX ALLOWABLE SHIM SPACE IS 1/4". APPLY LOAD BEARING SHIM @ EACH ANCHOR LOCATION AS REQD.
 - APPLY SEALANT AS NEEDED. ⑥
 - ELEVATIONS SHOWN ARE VIEWED FROM INTERIOR.
 - PRODUCT IS APPROVED FOR USE WHERE LARGE AND SMALL MISSILE IMPACT RESISTANCE IS REQD. ADDITIONAL IMPACT RESISTIVE SYSTEM IS NOT REQD.
 - PERIMETER FRAME BOTH EXTERIOR & INTERIOR, FRAME SILL & INSTALLATION SCREWS TO BE SEALED WITH GE SILICONE.

ITEM	QTY	DESCRIPTION	MATERIAL	SIZE
1	1	FRAME HEAD/JAMB DOUBLE RABBET PROFILE	ASTM A653 16 GA	2" FACE 5 3/4" JAMB DEPTH MIN
2	3	JAMB HINGE REINFORCEMENTS	10 GA (.138) STL	1 1/2" X 9 1/4"
3	1	JAMB LOCK REINFORCEMENTS	16 GA (.055) STL	1 1/2" X 8"
4	1	HEADER CLOSER REINFORCEMENT	16 GA (.055) STL	1 3/4" X 12"
5	1	PANIC DEV RIM W/ 641 STRIKE PL	SARGENT 12-3828F 28L-LL	
6	1	U CHANNEL REINF FOR CYLINDER LOCK	16 GAUGE STEEL	4" X 1 5/8" X 16"
7	2	U CHANNEL REINF FOR PANIC DEVICE	16 GAUGE STEEL	4" X 1 5/8" X 16"
8	8	WING BUTTERFLY WELDED MASONRY ANCHOR	18 GA (.044 MIN) STL	
9	8	PIPE STYLE WELDED MASONRY ANCHOR	18 GA (.044 MIN) STL	
10	*	3/8" DYNABOLT SLEEVE ANCHOR	ITW/REDHEAD FSA 3850 1008 CRS	
11	AR	CAULK	GE SILICONE EXTERIOR SEALANT OR EQUAL	
12	AR	SILICONE SEAL	PEMKO S88	
13	1	THRESHOLD	PEMKO 177AT	
14	*	#14 FLAT HEAD SCREW		
15	1	DOOR SKIN	16 GA (0.059 MIN) STL Fy=44 .6 KSI	36 3/4" X 83 1/8"
16	1	DOOR CORE	KRAFT HONEYCOMB CORE	180 PLY 1" CELL
17	1	DOOR TOP CHANNEL	18 GA (.044 MIN) STL	1 1/4" X 1 5/8" X 35 1/2"
18	1	DOOR CLOSER REINFORCEMENT	16 GA (.055 MIN) STL	3 7/8" X 1 5/8" X 35 1/2"
19	1	DOOR BOTTOM CHANNEL	18 GA (.044 MIN) STL	1 1/4" X 1 5/8" X 35 1/2"
20	3	DOOR HINGE REINFORCEMENT	10 GA (.138) STL	1 1/4" X 8 5/8"
21	*	Ø1/4" X 1 3/4" ELCO ULTRA CON	-	
22	1	DRIP CAP WITH SCREWS	ALUMINUM	39 3/4" LONG
23	3	HAGER HINGES	B81279	
24	1	SCHLAGE LOCKSET	A180PD X JUP	
24A	1	SCHLAGE DEADLOCK	B660P	
25	1	HAGER DOOR SWEEP	752 S	4 1/2" X 4"

ANCHOR QUANTITY NOTE: ⑥
* SEE SHEET 4 ELEVATIONS FOR QUANTITIES OF ANCHORS REQUIRED FOR INSTALLATION.

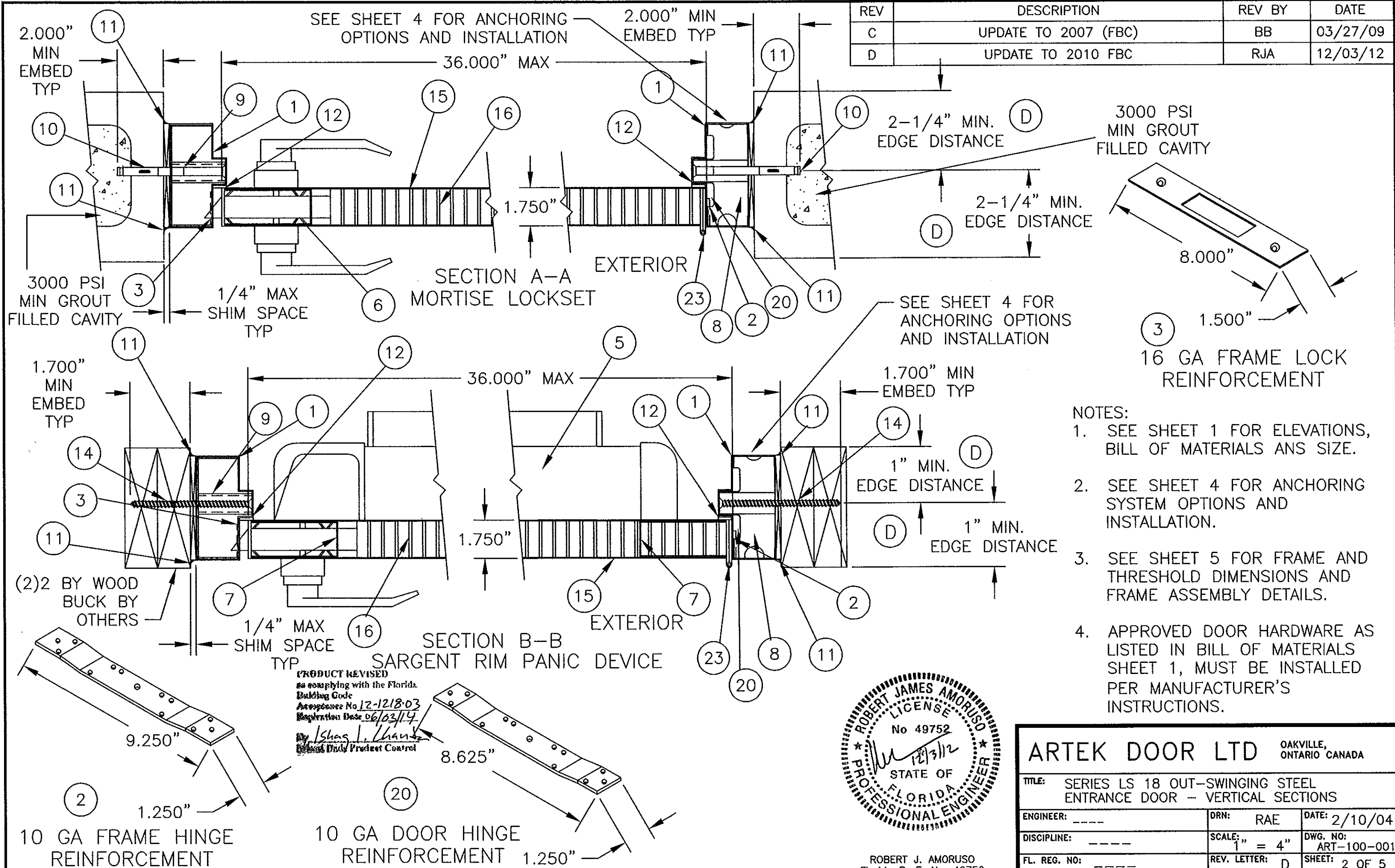
PROJECT REVISED as complying with the Florida Building Code
Acceptance No. 12-1218-03
Expiration Date: JUNE 23, 2014
By: Robert J. Amoruso
Professional Engineer

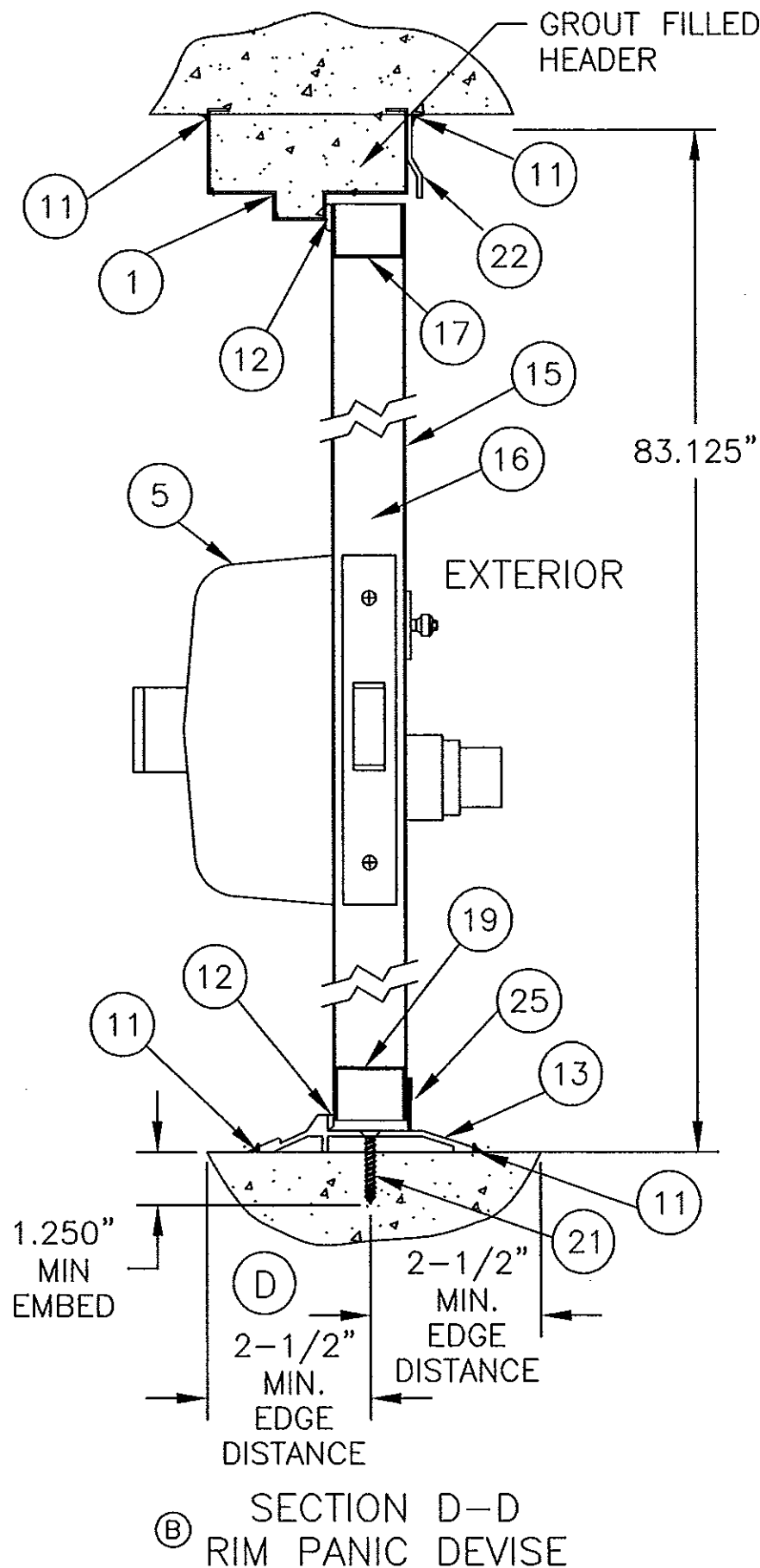
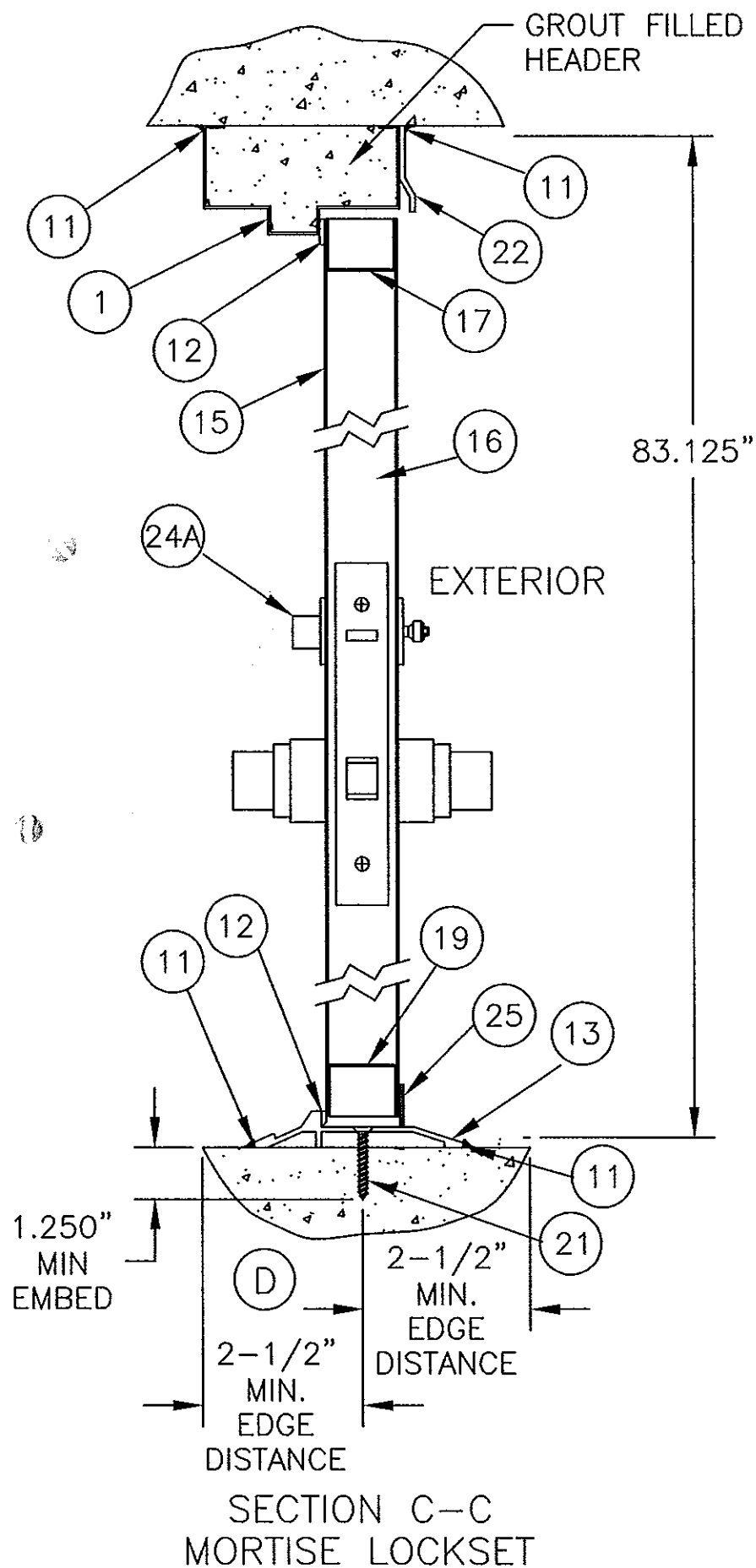


ROBERT J. AMORUSO
Florida P. E. No. 49752

ARTEK DOOR LTD OAKVILLE, ONTARIO CANADA		
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - ELEVATIONS AND BOM		
ENGINEER: -----	DRN: RAE	DATE: 2/10/04
DISCIPLINE: -----	SCALE: 1" = 20"	DWG. NO: ART-100-001
FL. REG. NO: -----	REV. LETTER: D	SHEET: 1 OF 5

REV	DESCRIPTION	REV BY	DATE
C	UPDATE TO 2007 (FBC)	BB	03/27/09
D	UPDATE TO 2010 FBC	RJA	12/03/12



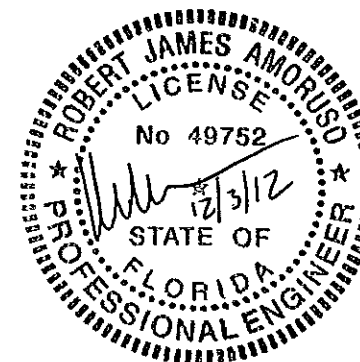


REV	DESCRIPTION	REV BY	DATE
C	UPDATE TO 2007 (FBC)	BB	03/27/09
D	UPDATE TO 2010 FBC	RJA	12/03/12

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Amendment No. 12-1218-03
 Registration Date 06/03/14
 By: [Signature]
 Artek Door Product Control

NOTES:

1. SEE SHEET 1 FOR ELEVATIONS, BILL OF MATERIALS AND SIZE.
2. SEE SHEET 4 FOR ANCHORING SYSTEM OPTIONS AND INSTALLATION.
3. SEE SHEET 5 FOR FRAME AND THRESHOLD DIMENSIONS AND FRAME ASSEMBLY DETAILS.
4. APPROVED DOOR HARDWARE AS LISTED IN BILL OF MATERIALS SHEET 1, MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.



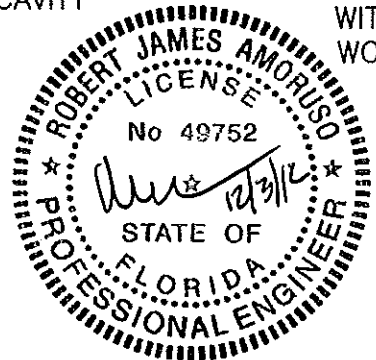
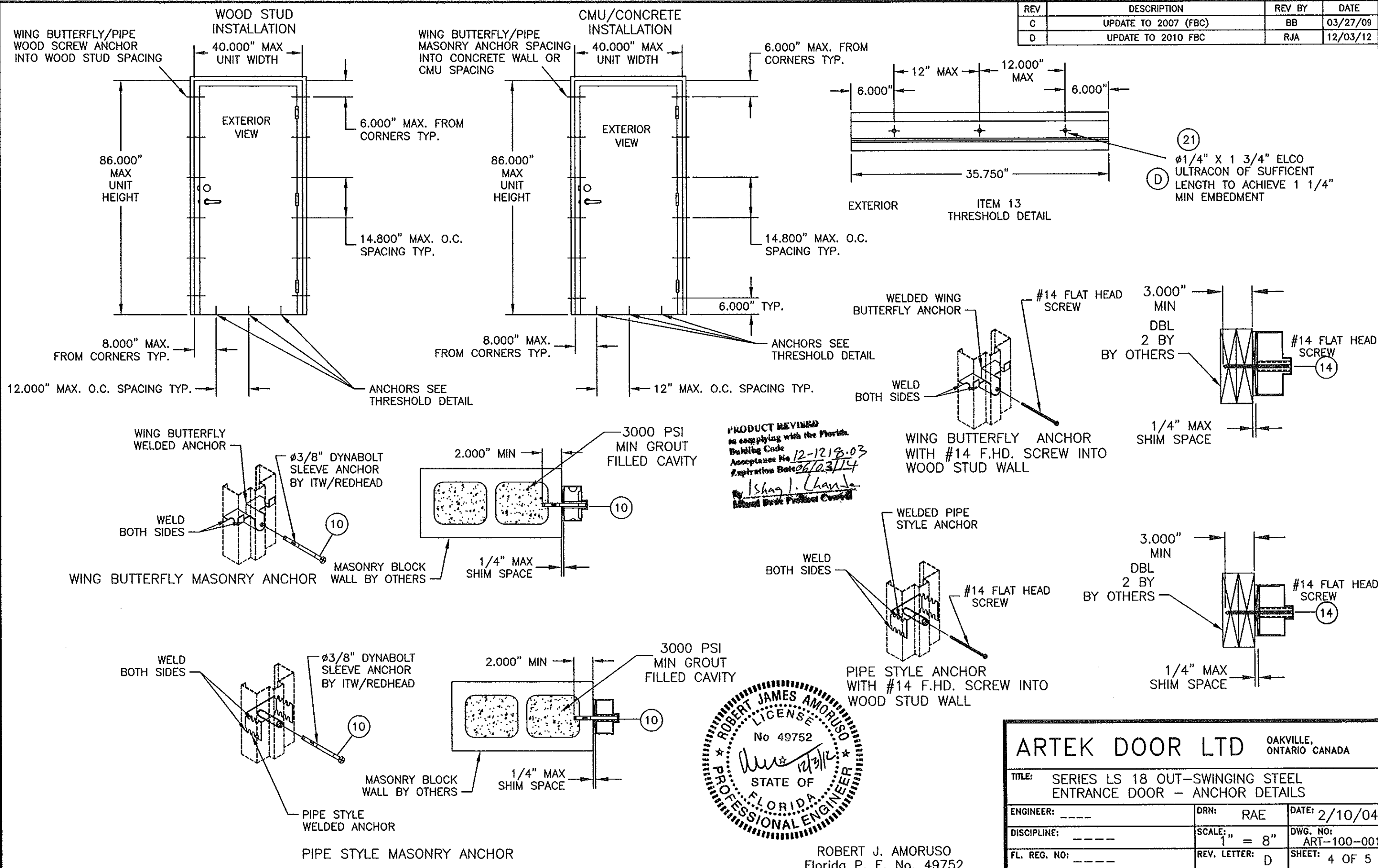
ROBERT J. AMORUSO
 Florida P. E. No. 49752

ARTEK DOOR LTD OAKVILLE, ONTARIO CANADA

TITLE: SERIES LS 18 OUT-SWINGING STEEL
 ENTRANCE DOOR - VERTICAL SECTIONS

ENGINEER: _____	DRN: RAE	DATE: 2/10/04
DISCIPLINE: _____	SCALE: 1" = 4"	DWG. NO: ART-100-001
FL. REG. NO: _____	REV. LETTER: D	SHEET: 3 OF 5

REV	DESCRIPTION	REV BY	DATE
C	UPDATE TO 2007 (FBC)	BB	03/27/09
D	UPDATE TO 2010 FBC	RJA	12/03/12



ARTEK DOOR LTD		OAKVILLE, ONTARIO CANADA	
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - ANCHOR DETAILS			
ENGINEER: _____	DRN: RAE	DATE: 2/10/04	
DISCIPLINE: _____	SCALE: 1" = 8"	DWG. NO: ART-100-001	
FL. REG. NO: _____	REV. LETTER: D	SHEET: 4 OF 5	

REV	DESCRIPTION	REV BY	DATE
C	UPDATE TO 2007 (FBC)	BB	03/27/09
D	UPDATE TO 2010 FBC	RJA	12/03/12

